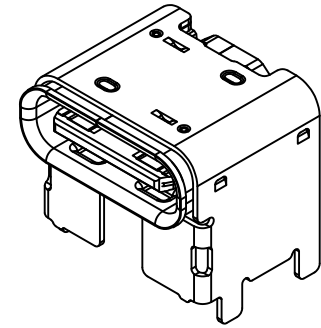


Pin	Signal	Mating Sequence	Pin	Signal	Mating Sequence
A1	GND	First	B12	GND	First
A4	Vbus	First	B9	Vbus	First
A5	CC1	Second	B8	SBU2	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SBU1	Second	B5	CC2	Second
A9	Vbus	First	B4	Vbus	First
A12	GND	First	B1	GND	First
SHELL	GND		SHELL	GND	



**Specifications**

**Material**  
 Insulator: LCP, UL 94V-0, Black  
 Contact: Copper Alloy  
 Shell: Stainless steel  
 Mid Plate: Stainless Steel

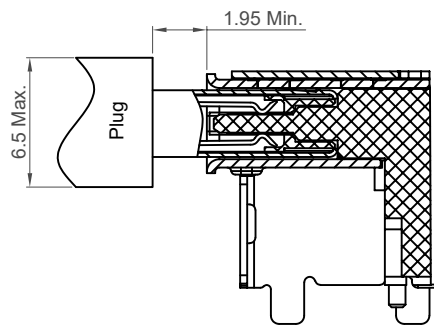
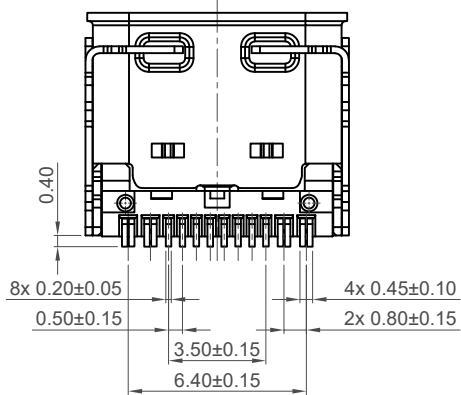
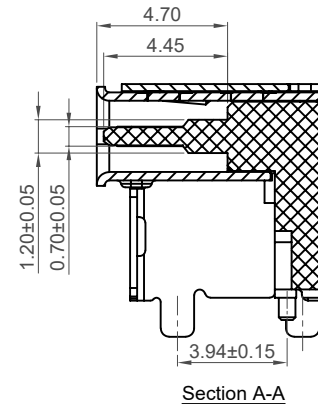
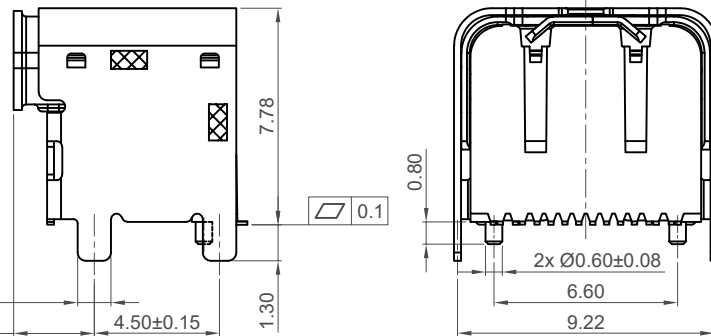
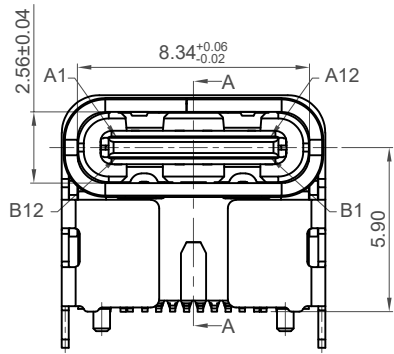
**Plating**  
 Terminal:  
 Contact Area: See Ordering Grid  
 Solder Tails: Gold Flash  
 Underplating: 50µ" Min. Nickel Over All  
 Shell: 30µ" Min. Nickel Over All  
 Mid Plate: Clear

**Electrical**  
 Current Rating: 5.00A collectively for Vbus pins  
 6.25A collectively for GND pins  
 1.25A for A5/B5 pin  
 0.25A per pin for all other pins

Voltage Rating: 48V DC  
 Power Rating: 240W  
 Contact Resistance: 40mΩ max initial.  
 50mΩ max after test  
 Dielectric Withstanding Voltage: 100V AC  
 Insulation Resistance 100MΩ min

**Mechanical & Environmental**  
 Operating Temperature: -25°C to +85°C  
 Mating Force: 5 to 20 N.  
 Unmated Force: 6 to 20 N after test  
 Durability: 20,000 cycles

**Recommended PCB Layout**  
 Thickness: 0.80 to 1.20mm  
 As viewed from component side Tolerance: ±0.05mm  
 Solder Area Component Outline



**Plug and Receptacle Mating View**

**Ordering Grid**  
 USB4805 - 03 - A Request Samples and Quotation  
 Contact Plating: 03 = 3µ" Gold  
 Packing Options: A = Tape & Reel (550 pcs/reel)

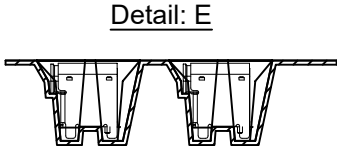
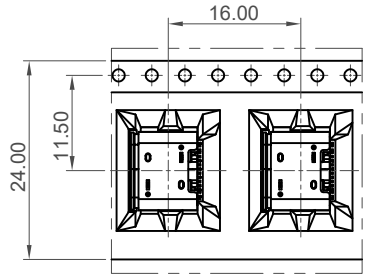
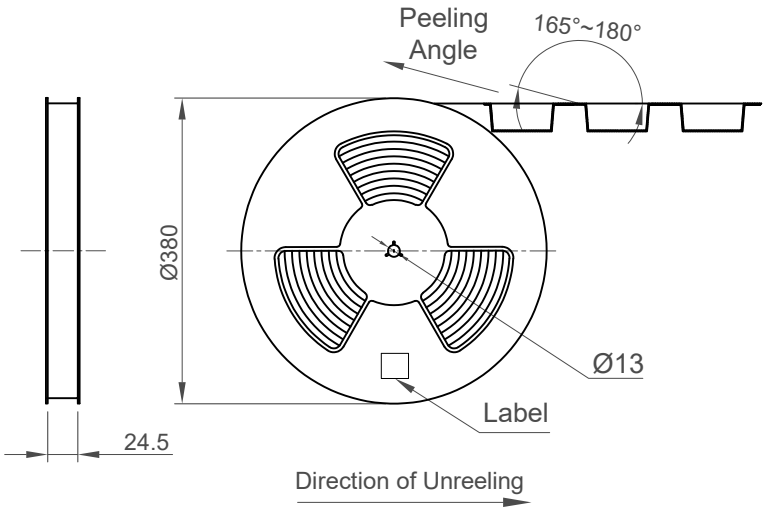
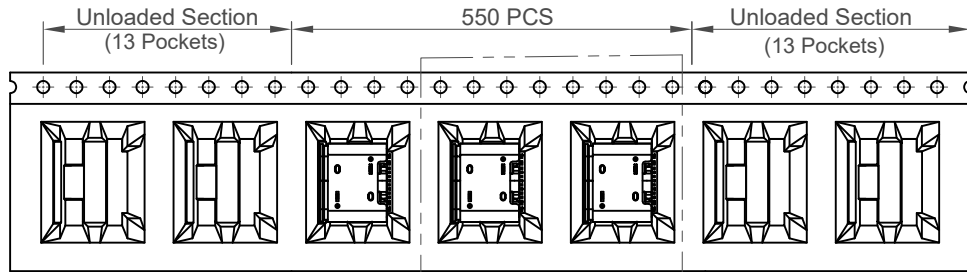
Part Number		Product Description	
USB4805		USB Type C Receptacle for USB 2.0, SMT, Horizontal, 5.90mm Elevated Top Mount, 16Pin	
Drawing Date		11th April 2025	
By	KY	Tolerances (Except as Noted)	Units: Metric (mm)
Detail	Drawing Release	X.X ± 0.30	3rd Angle Projection
Revision	A	X.XX ± 0.25	
Date	11/04/25	X.XXX ± 0.10	



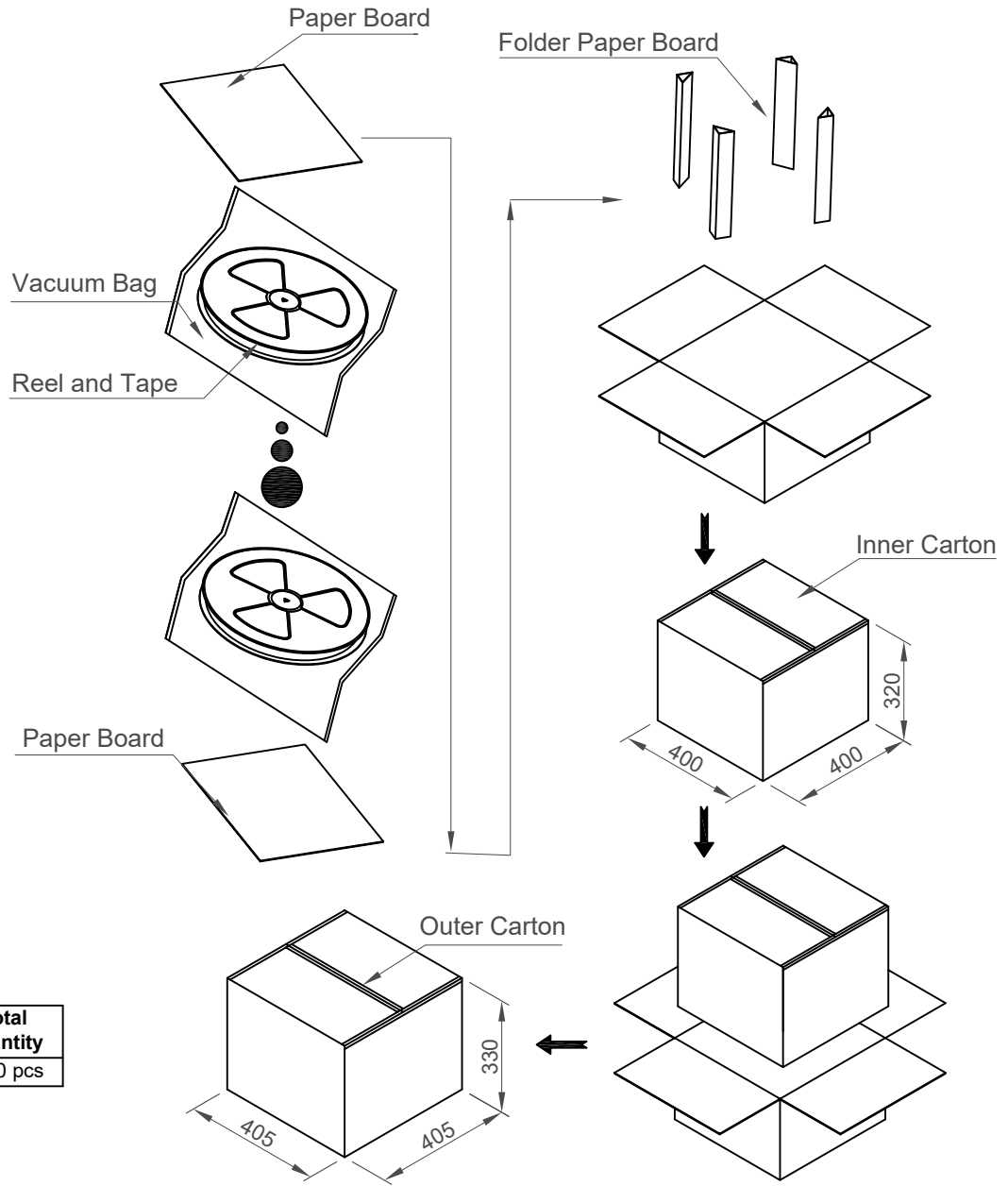
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Pcs / Reel	Reels / Carton	Total Quantity
550	10	5500 pcs



Part Number		Product Description	
USB4805		USB Type C Receptacle for USB 2.0, SMT, Horizontal, 5.90mm Elevated Top Mount, 16Pin	
Drawing Date		11th April 2025	
By	KY	Tolerances (Except as Noted)	Units: Metric (mm)
Detail	Drawing Release	Length	Angle
Revision	A	-	-
Date	11/04/25	3rd Angle Projection	



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